



HOISTING ENGINEER (COAL)

PHOTO ID REQUIRED

Article 3 of the **Coal Mine Safety Laws of Virginia** establishes requirements for certification of coal mine workers. The certification requirements are included in §45.1-161.24 through §45.1-161.41 in which the Board of Coal Mining Examiners is established for the purpose of administering the certification program. The Board has promulgated certification regulations 4 VAC 25-20, which set the minimum standards and procedures required for Virginia coal miner examinations and certifications.

CERTIFICATION CLASSIFICATION: **Hoisting Engineer (Coal)*

This certification authorizes the holder to perform:

- Hoisting operations at shaft, slope and surface inclines
- Pre-operation and other required safety checks of hoisting equipment
- Record results of hoisting equipment examinations
- Duties of an automatic elevator operator after completing the on-site demonstration required by Section 2.20 of the BCME regulations

APPLICATION/EXPERIENCE REQUIREMENTS:

- Application (BCME-1) and \$40.00 fee 5 working days prior to examination
 - **Note:** Classes are limited to 20 people and tend to fill quickly. Application fees are due no later than 5 working days prior to the examination, but this will not guarantee that an opening will be available.
- Two years of practical coal mining experience and one year of hoisting experience under the direction of a certified hoisting engineer or appropriately related work experience approved by the Chief of the Division of Mines. A certified hoisting engineer shall verify the hoisting experience. **NOTE: Experience must be submitted within 5 years of passing the examination. After 5 years records are destroyed. Must reapply if future certification is desired.**
- Hold a General Miner Certification
- Current first aid training (MSHA 5000-23 Annual Retraining or New Miner Inexperienced Training acceptable)
- A Letter of Authorization signed by a company official to allow a DM Representative to use the company hoist to conduct the required observation.

EXAMINATION REQUIREMENTS: A score of 80% on each element of the examination.

ELEMENTS OF EXAM	NUMBER OF QUESTIONS
▪ Hoisting (HT)	50
▪ Federal Regulations (FR)	20
▪ Observation - practical demonstration	
▪ Gas Detection - practical demonstration	
▪ Records – practical (not implemented)	

RECOMMENDED REFERENCE/STUDY MATERIALS:

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| ■ Title 30 CFR Part 77 (Included in study guide) | ■ Hoisting Engineer Study Guide (\$6.00) |
| ■ Coal Mine Safety Laws of Virginia (\$25.00) | ■ First Aid for Miners Study Guide (\$15.00) |
| ■ BCME Requirements (No Charge) | |

The above mentioned study materials are available at the Department of Mines, Minerals and Energy's Big Stone Gap Office, Customer Assistance Center (276) 523-8233 and Lebanon Field Office (276) 415-9650.

***Continuing education required. See BCME requirements. (Effective August 25, 2004)**